

Amendments to the Specification:

Please replace paragraph number [0050] with the following rewritten paragraph:

[0050] In this example, in order to inspect an effect of the detection of the single nucleotide substitution (C/G) by the AMND, a target DNA (a sequence a) of 23 mer and two kinds of detecting DNAs (sequences b and c) respectively of 11 mer as described below were prepared as model sequences. Here, in the sequence a, S designates G (guanine) or C (cytosine).

(sequence a) 5'-TCTCCGCACACSTCTCCCCACAC-3' (~~sequence no. 1~~ SEQ ID NO: 1)

(sequence b) 5'-GTGTGCGGAGA-3' (~~sequence no. 2~~ SEQ ID NO: 2)

(sequence c) 5'-GTGTGGGGAGA-3' (~~sequence no. 3~~ SEQ ID NO: 3)

Please replace paragraph number [0055] with the following rewritten paragraph:

[0055] In this example, in order to inspect an effect of the detection of the single nucleotide substitutions (C/T, C/G,C/A) by the AMND, a target DNA (a sequence d) of 107 mer and detecting DNAs (sequences e and f) respectively of 15 mer as described below were prepared as model sequences. Here, in the ~~sequence~~ sequence d, N designates G (guanine), C (cytosine), A (adenine) or T (thymine).

(sequence d)

5'-CTATTGTTGGATCATATTCGTCCACAAAATGATTCTGAATTAGCTGTATCGTCAAG
GCACTCTTGCCCTACGCCANCAGCTCCAACTACCACAAGTTTATATTCAGTC-3'

(~~sequence no. 4~~ SEQ ID NO. 4)

(sequence e) 5'-TGGCGTAGGCAAGAG-3' (~~sequence no. 5~~ SEQ ID NO: 5)

(sequence f) 5'-TGGTAGTTGGAGCTG-3' (~~sequence no. 6~~ SEQ ID NO: 6)

Please replace paragraph number [0060] with the following rewritten paragraph:

[0060] In this example, in order to inspect an effect of the detection of the single nucleotide substitution (G/C, G/A, G/T) by the DiMe-pteridine, a target DNA (a sequence g) of 23 mer as described below and the above-described detecting DNA (the sequence b) of 11 mer were prepared as model sequences. Here, in the sequence g, N designates G (guanine), C

(cytosine), A (adenine) or T (thymine). In the sequence g in this example, since sequences before and after the target base N are the same, one kind of the detecting DNA (the sequence b) of two equivalents was added to the target DNA (the sequence g) to form a gap part at a part opposed to the target base N.

(sequence g) 5'-TCTCCGCACACNTCTCCGCACAC-3' (~~sequence no. 7~~ SEQ ID NO: 7)

Please replace paragraph number [0070] with the following rewritten paragraph:

[0070] Here, the target DNA (the sequence d) in this example amplifies its antisense strand by a below-described forward primer (a sequence h) and a reverse primer (a sequence i) in an area including a codon 12 of a K-ras gene.

(sequence h) 5'-GACTGAATATAAACTTGTGG-3' (~~sequence no. 8~~ SEQ ID NO: 8)

(sequence i) 5'-CTATTGTTGGATCATATTCG-3' (~~sequence no. 9~~ SEQ ID NO: 9)

Please insert the attached Sequence Listing

Attachment: Sequence Listing